54. A method of operating an electric machine, the electric maching having a multi-pole rotor, a stator and a corresponding stator winding radially disposed with respect to the rotor, the method comprising:

applying a first current component through the stator winding to magnetically couple the stator to the multi-pole rotor, the multi-pole rotor having iron pole segments each extending from an inner surface of the rotor to an outer surface of the rotor, slots separating each of said ferromagnetic pole segments, each of said slots also extending from the inner surface of the rotor to the outer surface of the rotor, a tangentially magnetized magnet structure constructed and arranged within each of said slots, said tangentially magnetized magnet structure extending in the direction from the inner surface of the rotor to the outer surface of the rotor, and magnetic field generating means disposed within or in the proximity of each of said iron pole, and

applying a second current component through the stator winding to minimize effects of armature reaction of the stator.

R E M A R K S

Information Disclosure Statement

With reference to the Office Action dated May 15, 2001, Applicant's previous attorney of record filed an Information Disclosure Statement (IDS) dated June 1, 2000. Presumably, this is the IDS referred to by the Examiner in paragraphs 2 through 4 of the Office Action. The IDS was submitted with a blank Form PTO-1449 and a statement indicating "there to be no patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56."

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Please refer to the enclosed Supplemental IDS identifying additional materials believed to be material to the examination of the above-referenced patent application.

The Drawings

Again with respect to the Office Action of May 15, 2001, Applicant respectfully disagrees with Examiner's objection to the drawings. Each of the elements noted by the Examiner, the two iron segments (4) and additional pole piece (24) per pole, are clearly identified and labeled in FIGURE 2. See also discussion of FIGURE 2 in Specification at p. 3, lines 14-15 and p. 7, line 8 - p. 8, line 3.

The Specification

Further with respect to the Office Action dated May 15, 2001, Applicant respectfully disagrees with Examiner's objection to the Specification. Antecedent basis for each of the elements noted by the Examiner, the two iron segments (4) and additional pole piece (24) per pole, is clearly provided in the Specification at p. 3, lines 14-15 and p. 7, line 8 - p. 8, line 3.

The Abstract

The Abstract of the Disclosure enclosed herewith is provided in response to the Examiner's comments. The enclosed Abstract is believed to be in full compliance with Patent Office practice.

The Claims

Claims 26-34 have been cancelled and replaced with new claims 35-54. No new subject matter has been introduced by way of the new claims. The new claims are believed to be in full compliance with the requirements of 35 U.S.C. § 112, and patentable over the prior art of record.

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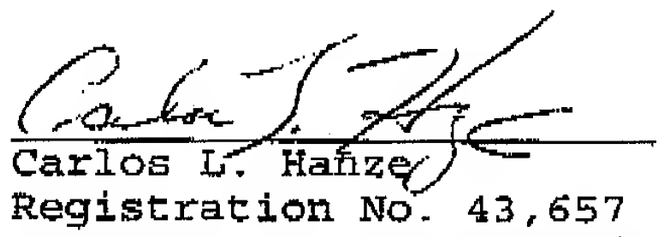
The above-identified application is believed to be in condition for allowance in all respects, and allowance thereof is courteously solicited. If any further amendment is necessary to advance prosecution and place this case in allowable condition, the Examiner is courteously requested to contact the undersigned by fax or telephone at the numbers listed below.

Please charge any cost incurred in the filing of this Amendment, along with any other costs, to Deposit Account 06-1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No. 06-1500.

Respectfully submitted,



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